

**(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)**

**(19) World Intellectual Property Organization**  
International Bureau



A standard linear barcode is located at the bottom of the page, spanning most of the width.

(43) International Publication Date  
30 October 2003 (30.10.2003)

PCT

(10) International Publication Number  
**WO 03/090417 A1**

(51) International Patent Classification<sup>7</sup>: H04L 12/56. (74) Agent: RINU Y SANTARELLI; 14, avenue de la Grande-Armée, B.P. 237, F-75822 Paris Cedex 17 (FR).  
29/06

(21) International Application Number: PCT/IB02/02306

**(22) International Filing Date:** 19 April 2002 (19.04.2002)

**(25) Filing Language:** English

**(26) Publication Language:** English

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(81) **Designated States (national):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

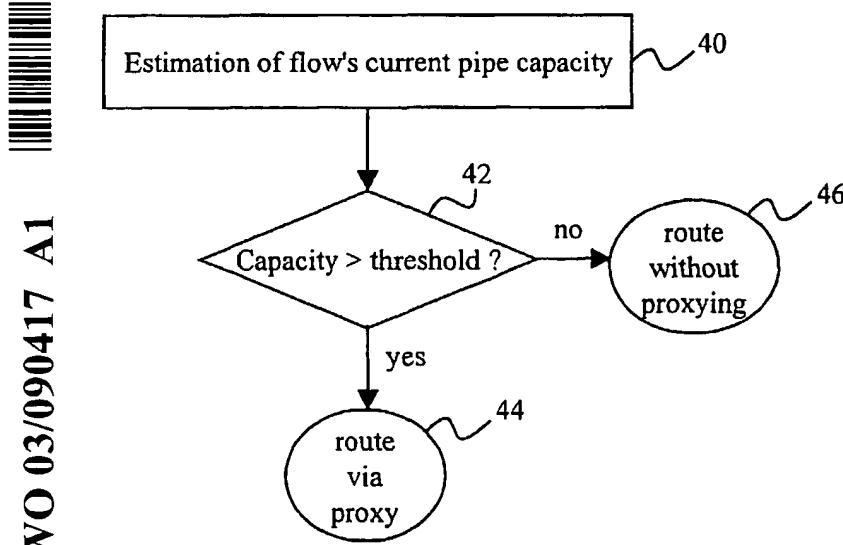
(84) **Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— *with international search report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**(54) Title: METHOD AND DEVICES FOR ADAPTATIVE PROXYING OF FLOWS**



**(57) Abstract:** This proxy for at least one end-to-end data flow in a network comprises an estimation unit, for estimating (40) the current minimum data load necessary to occupy the bandwidth available to the flow in the network. The estimation unit outputs a flow's pipe capacity estimation. This proxy also comprises a comparison unit, for comparing (42) the estimated pipe capacity with a predetermined capacity threshold, a decision unit, for deciding (44,46) to proxy the end-to-end flow if the estimated pipe capacity lies above the capacity threshold, and a routing unit, for routing the flow according to the decision.